INTERNATIONAL SEARCH REPORT

Interplication No PCT/EP 20/06845

A. CLASS	SFICATION OF SUBJECT MATTER D02G1/02			
According t	o International Patent Classification (IPC) or to both national class	ification and IPC		
B. FIELDS	SEARCHED			
Minimum di IPC 7	ocumentation searched (classification system followed by classific D02G	cation symbols)		
Documenta	tion searched other than minimum documentation to the extent the	at such documents are inclu	uded in the fields searched	
Ī	ata base consulted during the international search (name of data ternal, WPI Data, PAJ	base and, where practical,	search terms used)	
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the	relevant passages	Relev	ant to claim No.
Α	DATABASE WPI Section Ch, Week 200040 Derwent Publications Ltd., Londo Class FO2, AN 2000-365667	on, GB;	1	
	XP002213842 & AU 61240 99 A (TEIJIN SEIKI CC 22 May 2000 (2000-05-22) abstract	LTD),		
P,A	EP 1 136 601 A (TEIJIN SEIKI CO 26 September 2001 (2001-09-26) column 8, line 11 -column 9, lin figure 1		1	
A	EP 0 641 877 A (BARMAG BARMER MA 8 March 1995 (1995-03-08) cited in the application abstract; figure 1	SCHF)	1	
χ Furthe	er documents are listed in the continuation of box C.	Y Patent family m	embers are listed in annex.	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document published after the international filling date "L" document of particular relevance; the claimed cannot be considered novel or cannot be				but the on to
which is citation of "O" document other me "P" document	cited to establish the publication date of another or other special reason (as specified) I referring to an oral disclosure, use, exhibition or	cannot be considere document is combine	r relevance; the claimed invention do involve an inventive step when with one or more other such dation being obvious to a person the same patent family	en the docu-
Date of the ac	tual completion of the international search	Date of mailing of the	international search report	
18	September 2002	30/09/200	02	
Name and ma	iling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Eav. (+31-70) 340-3016	Authorized officer V Beunder	n-Hopkins, S	

INTERNATIONAL SEARCH REPORT

Interior No PCT/EP 20/06845

		PCT/EP 20	0/06845
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
4	EP 0 763 612 A (MURATA MACHINERY LTD) 19 March 1997 (1997-03-19) abstract; figure 1		1
	US 3 999 360 A (FORIN ROGER GUY ET AL) 28 December 1976 (1976-12-28) abstract; figure 1		1
	DATABASE WPI Section Ch, Week 198511 Derwent Publications Ltd., London, GB; Class F02, AN 1985-065894 XP002213841 & JP 60 021931 A (MURATA MACHINERY LTD),		1
	4 February 1985 (1985-02-04) abstract; figure 1		
			· .
		, •	-
			•
		·	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Interioral Application No PCT/EP 20/06845

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
AU 6124099	Α	22-05-2000	CN	1089383 B	21-08-2002
		•	CN	1325464 T	05-12-2001
			ΕP	1136601 A1	26-09-2001
			WO	0026451 Al	11-05-2000
			US	6438933 B1	27-08-2002
EP 1136601	Α	26-09-2001	AU	6124099 A	22-05-2000
			EP	1136601 A1	26-09-2001
			US	6438933 B1	27-08-2002
			CN	1089383 B	21-08-2002
			CN	1325464 T	05-12-2001
•			WO	0026451 A1	11-05-2000
EP 0641877	A	08-03-1995	CN	1106085 A ,B	02-08-1995
			DE	69425098 D1	10-08-2000
			DE	69425098 T2	01-03-2001
			EP	0641877 A2	08-03-1995
			KR	146908 B1	01-08-1998
		•	US	5644908 A	08-07-1997
EP 0763612	A .	19-03-1997	JP	9078372 A	25-03-1997
			EP	0763612 A2	19-03-1997
US 3999360	` A	28-12-1976	FR	2302359 A1	24-09-1976
	,	_	GB	1492351 A	16-11-1977
JP 60021931	A	04-02-1985	NONE		